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JCWSCS 02 JUN 2004

Jun-01-04 05:05pm From:HBS&R

1978-341-0136

T-792 P-01/14 F-004

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
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FACSIMILE COVER SHEET

Examiner: Office of Initial Patent Examination
Customer Service Center

Date: June 1, 2004

Client Code: 3226

Facsimile No.: 703-746-9195

From: F. James Coe, Esq.

Subject: Request for Corrected Filing Receipt

Docket No.: 3226.1022-001

Applicants: Kanu Chadha, *et al.*

Application No.: 10/712,800

Filing Date: November 13, 2003

Number of pages including this cover sheet: 14

Please confirm receipt of facsimile: Yes X No

Sir:

Please see attached.

@PFDestop1.ODMA/MHODMA/HBSR05.iManage,477227;1

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Jun-01-04 05:05pm From:HBS&R

1978-341-0136

T-792 P.02/14 F-004

PATENT APPLICATION
Docket No. 3226.1022-001

@PFD\sktop\ODMA\MHODMA\HBSR05\iManage.477211;1
JMS/FJC/ts
June 1, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Kanu Chadha, Maneesh Soni and Manish Bhardwaj
Application No.: 10/712,800 Group: 2631
Filed: November 13, 2003 Examiner: Unknown
Confirmation No.: 7866
For: METHOD AND SYSTEM FOR FAST TIMING RECOVERY
FOR PREAMBLE BASED TRANSMISSION SYSTEMS

CERTIFICATE OF MAILING OR TRANSMISSION	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Trademark Office on.	
6-1-04	Trisha Sullivan
Date	Signature
Trisha Sullivan	
Typed or printed name of person signing certificate	

REQUEST FOR CORRECTED FILING RECEIPT
FOR UTILITY APPLICATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

We hereby request that the following items of information be corrected in the Filing Receipt for the subject application received in this office on May 24, 2004.

Please note that although the application was originally filed with six (6) sheets of informal drawings, the replacement drawings filed on May 10, 2004 with the Reply To Notice To File Missing Parts of Application consisted of seven (7) sheets of drawings.

10/712,800

-2-

The errors and corrections appear below.

Under the section titled "DRAWINGS", please delete the number --6-- and insert the number "7"

Enclosed are copies of the Filing Receipt with changes noted in red, copies of the recently filed Reply To Notice To File Missing Parts of Application and seven (7) sheets of replacement drawings consisting of Figs. 1-5.

Pursuant to instructions in the February 29, 2000 O.G , we hereby request that the errors which are identified above be corrected in the captioned application to which this request for correction is directed. It is understood that the Patent Office will issue an automatically-generated, corrected Filing Receipt in this and, if applicable, any other affected applications.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By _____
F. James Coe
Registration No.: 46,630
Telephone: (978) 341-0036
Facsimile: (978) 341-0136

Concord, MA 01742-9133

Date: 5/1/04



UNITED STATES PATENT AND TRADEMARK OFFICE

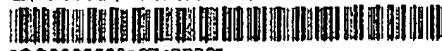
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APPL NO	FILING OR 371 (C) DATE	ART UNIT	FIL FEE REC'D	ATTY.DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/712,800	11/13/2003	2631	1216	3226.1022-001	-0-	28	5

CONFIRMATION NO. 7866

021005
 HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
 530 VIRGINIA ROAD
 P.O. BOX 9133
 CONCORD, MA 01742-9133

UPDATED FILING RECEIPT



OC000000012743389

COPY

Date Mailed: 05/21/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Kanu Chadha, Acton, MA;
 Maneesh Soni, Richardson, TX;
 Manish Bhardwaj, Cambridge, MA;

Assignment For Published Patent Application

Engim, Inc.;

Domestic Priority data as claimed by applicant

This appln claims benefit of 60/426,214 11/14/2002

Foreign Applications

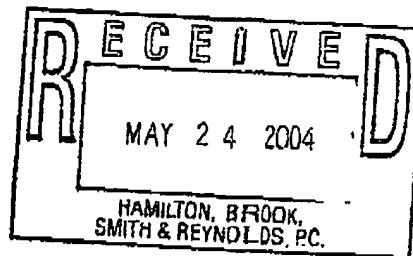
If Required, Foreign Filing License Granted: 02/10/2004

Projected Publication Date: 09/02/2004

Non-Publication Request: No

Early Publication Request: No

Title



Method and system for fast timing recovery for preamble based transmission systems**Preliminary Class**

375

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Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15****GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Kanu Chadha, Maneesh Soni and Manish Bhardwaj **COPY**
Application No.: 10/712,800 Group: 2631
Filed: November 13, 2003 Examiner: Unknown
Confirmation No.: 7866
For: METHOD AND SYSTEM FOR FAST TIMING RECOVERY FOR
PREAMBLE BASED TRANSMISSION SYSTEMS

CERTIFICATE OF MAILING OR TRANSMISSION
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VA 22313-1450, or is being facsimile transmitted to the United States Patent
and Trademark Office on

May 10, 2004 Trisha Sullivan

Date Signature

Trisha Sullivan

Typed or printed name of person signing certificate

COPY

REPLY TO NOTICE TO FILE MISSING PARTS OF APPLICATION

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In reply to the Notice to File Missing Parts dated February 10, 2004, the following documents and fees are being submitted for filing in the captioned application. A copy of the Notice is attached.

EXECUTED DECLARATION FOR PATENT APPLICATION

(Separate transmittal letter and postcard not required)

POWER OF ATTORNEY DOCUMENT

Granted by Inventor(s)

Granted by Assignee, including Statement under 37 C.F.R. 3.73(b)

(Separate transmittal letter and postcard not required)

PRELIMINARY AMENDMENT

(Separate transmittal letter and postcard not required)

FILING FEE - with Fee Transmittal for Patent Applications in duplicate

Fee calculations based on:

Claims as originally filed

The Notice to File Missing Parts states an erroneous number of claims.

Claims upon entry of the Preliminary Amendment filed [herewith] [with the application]

(Separate transmittal letter and postcard not required)

SURCHARGE - surcharge fee of \$130.00

(Separate transmittal letter and postcard not required)

10/712,800

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- SEQUENCE LISTING** - Filed concurrently and is attached
(Separate transmittal letter and postcard required)

- REPLACEMENT DRAWINGS** - 7 sheets of replacement drawings consisting of Figs.

1 - 5 are enclosed *(Separate transmittal letter and postcard not required)*

- A Petition to Accept Color Drawings/Photographs (Fig(s)). [] and a Transmittal of Replacement Drawings, with attachments, are enclosed.
(Separate check for fees and postcard required)

- PETITION FOR EXTENSION OF TIME**

Applicant hereby petitions to extend the time to respond to the Notice to File Missing Parts dated February 10, 2004 for one month from April 10, 2004 to May 10, 2004. The appropriate fee of \$110.00 is included in the enclosed check

A [] month extension of time to respond to the Notice to File Missing Parts dated [] was filed on [] with payment of a \$[] fee

Applicant hereby petitions for an additional [] month extension of time to respond to the Notice to File Missing Parts. The appropriate fee of \$[] is included in the enclosed check

(Separate Petition for Extension of Time and postcard not required)

- REQUEST FOR CORRECTED FILING RECEIPT** - Filed concurrently and is attached

(Separate transmittal letter and postcard required)

- STATEMENT CLAIMING SMALL ENTITY STATUS**

Was filed on []

Is enclosed herewith

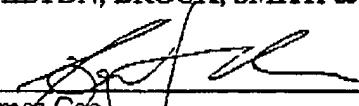
(Separate transmittal letter and postcard not required)

In view of the small entity status of the captioned application, we hereby request a reimbursement of 50% of the filing fees in the amount of \$[] which were paid on [] to be deposited in Deposit Account No. 08-0380

The fees required for filing the indicated documents are enclosed in the form of a check in the total amount of \$1326.00. Please charge any deficiency or credit any overpayment in the fees that may be due in this matter to Deposit Account No. 08-0380. A copy of this letter is enclosed for accounting purposes.

Respectfully submitted,

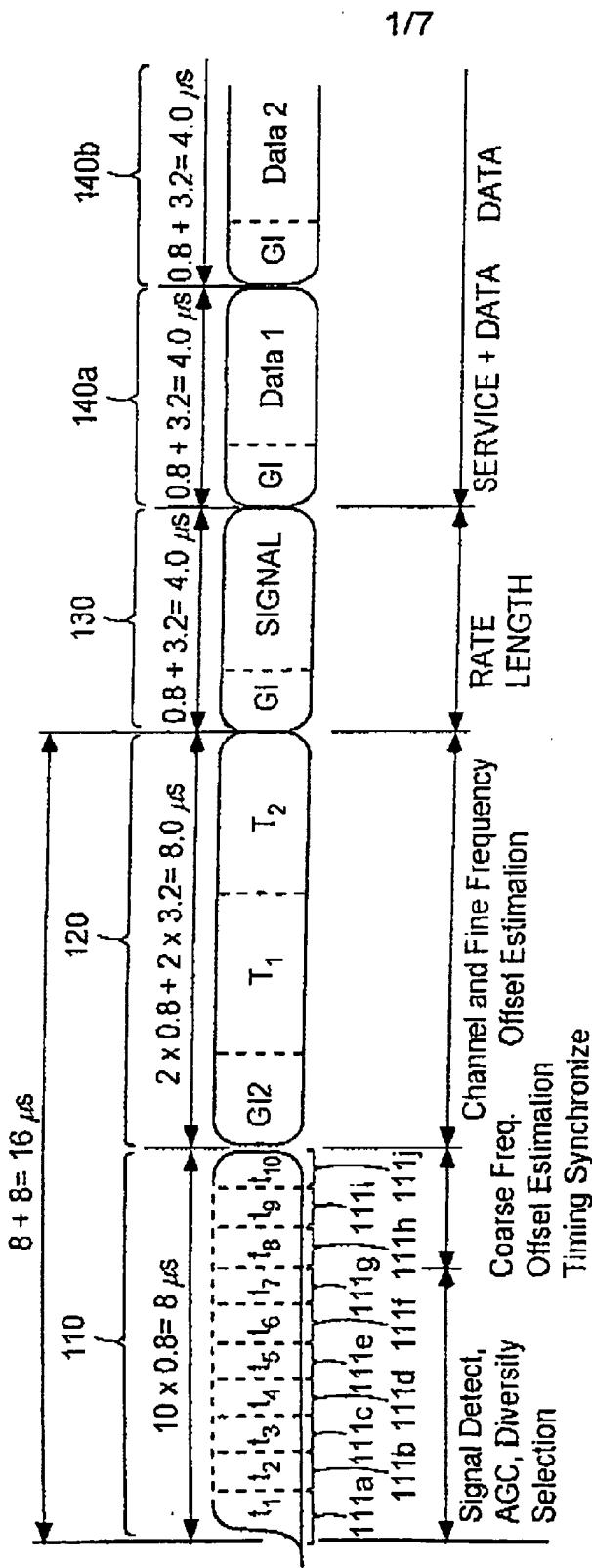
HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By 
F. James Cee
Registration No.: 46,630
Tel.: (978) 341-0036
Fax: (978) 341-0136

Concord, Massachusetts 01742-9133

Date: 6/1/04

Title: "Method and System for Fast + Fine Frequency Selection and Synchronization"
 Authors: Kanu Chadha, et al.
 Replacement Sheet



1/7

COPY

FIG. 1

Inv. No.: Kanu Chadha, et al.
Replacement Sheet

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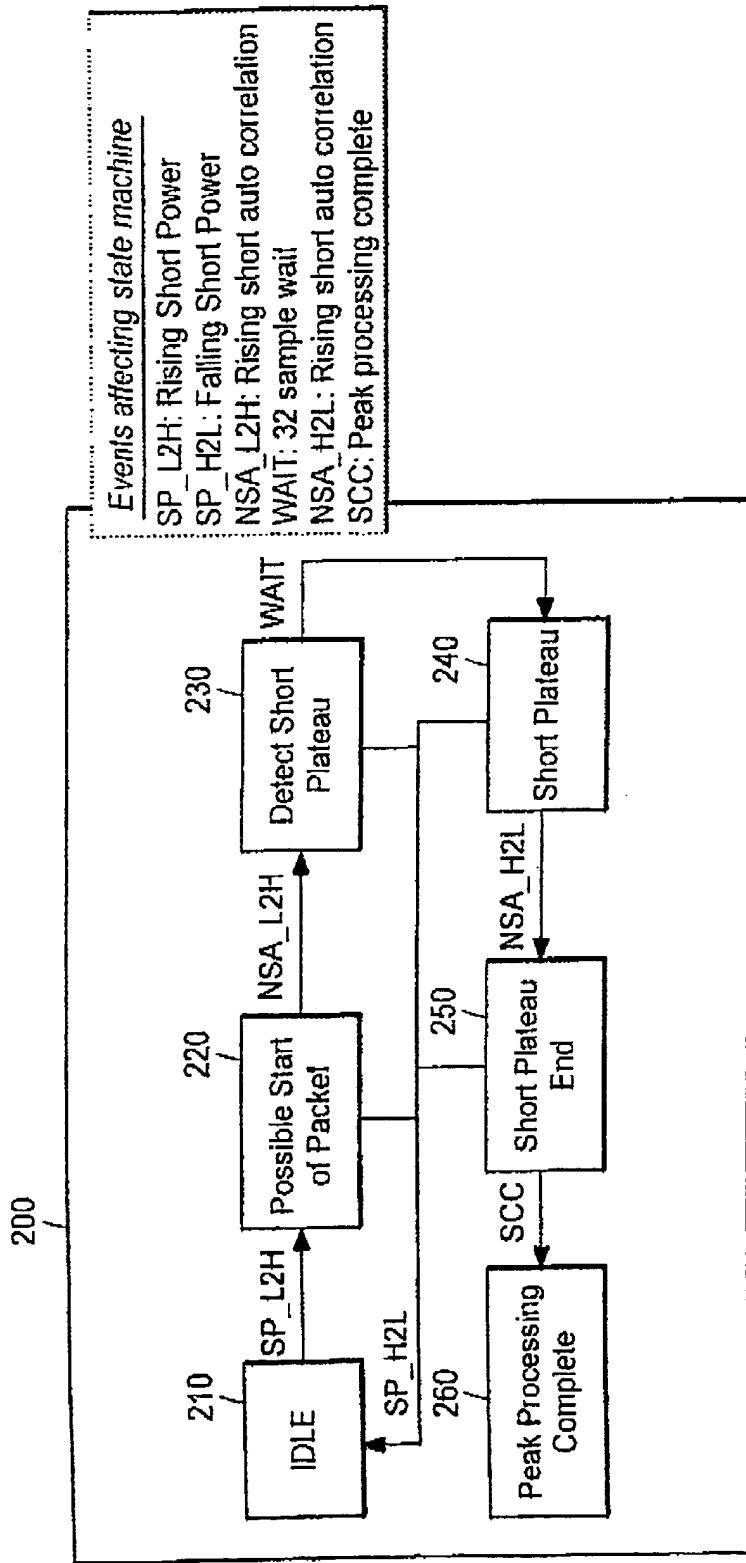
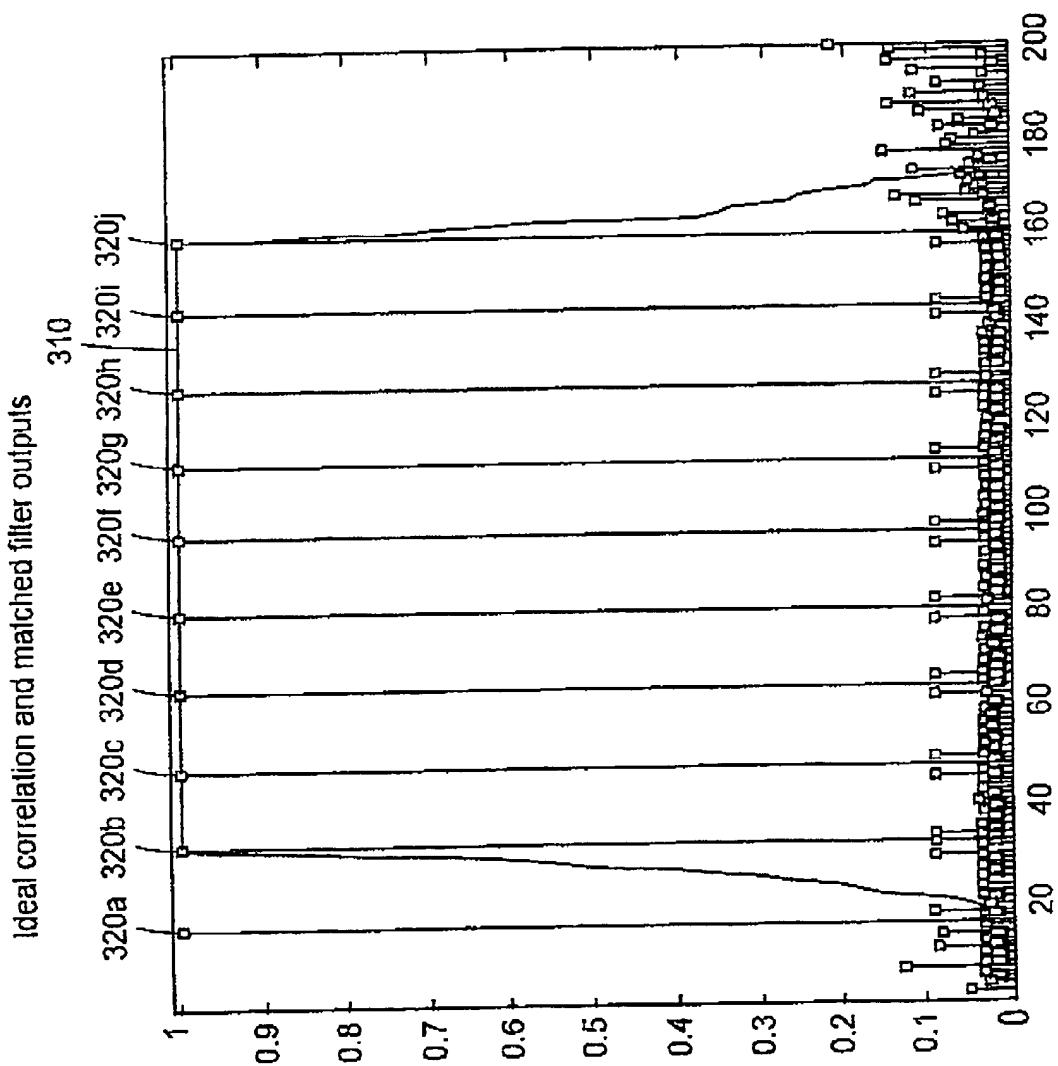


FIG. 2

Title: "Method and System for fast...
Inventors: Kanu Chadha, et al.
Replacement Sheet

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FIG. 3a
Samples

4/7

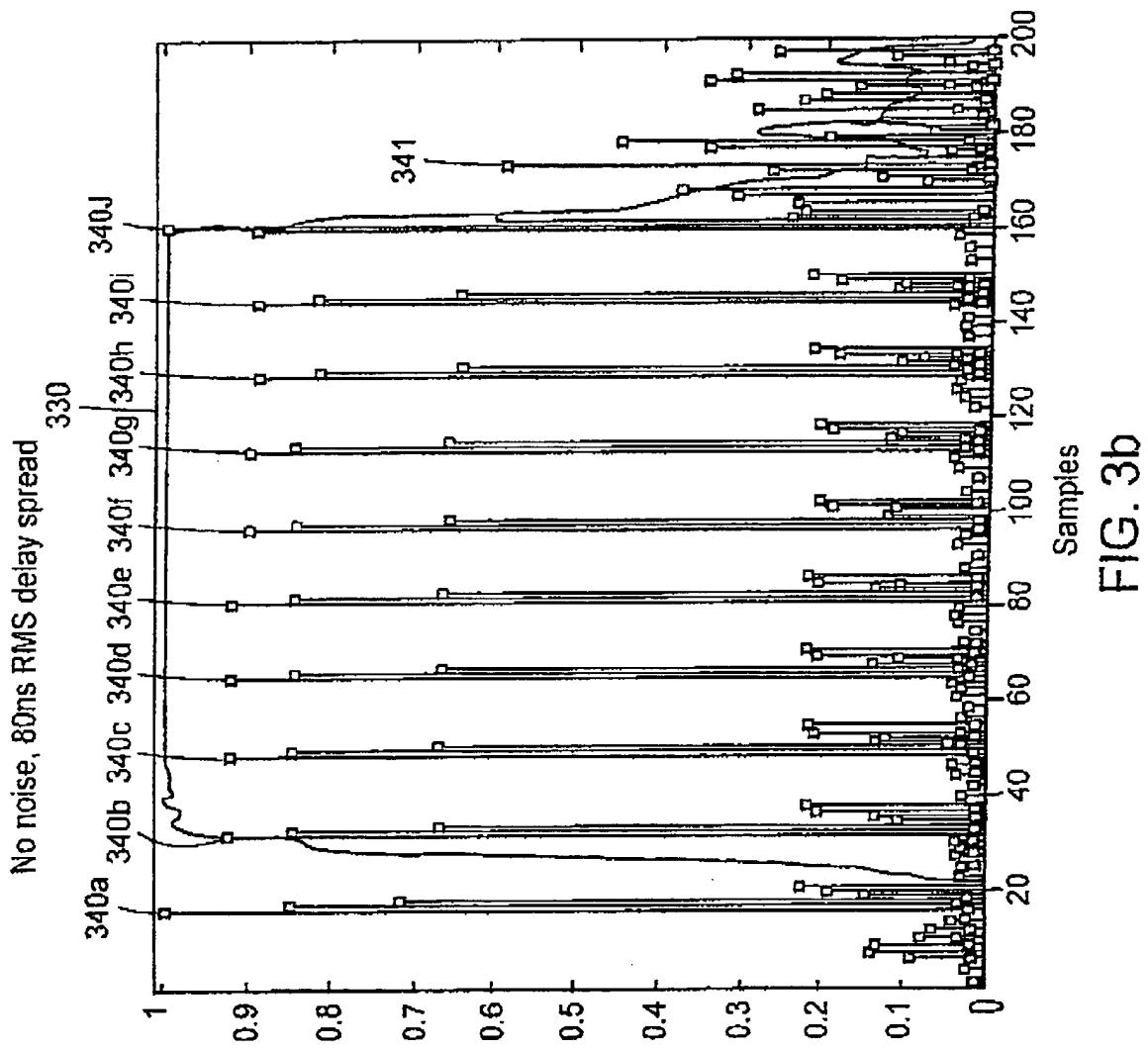
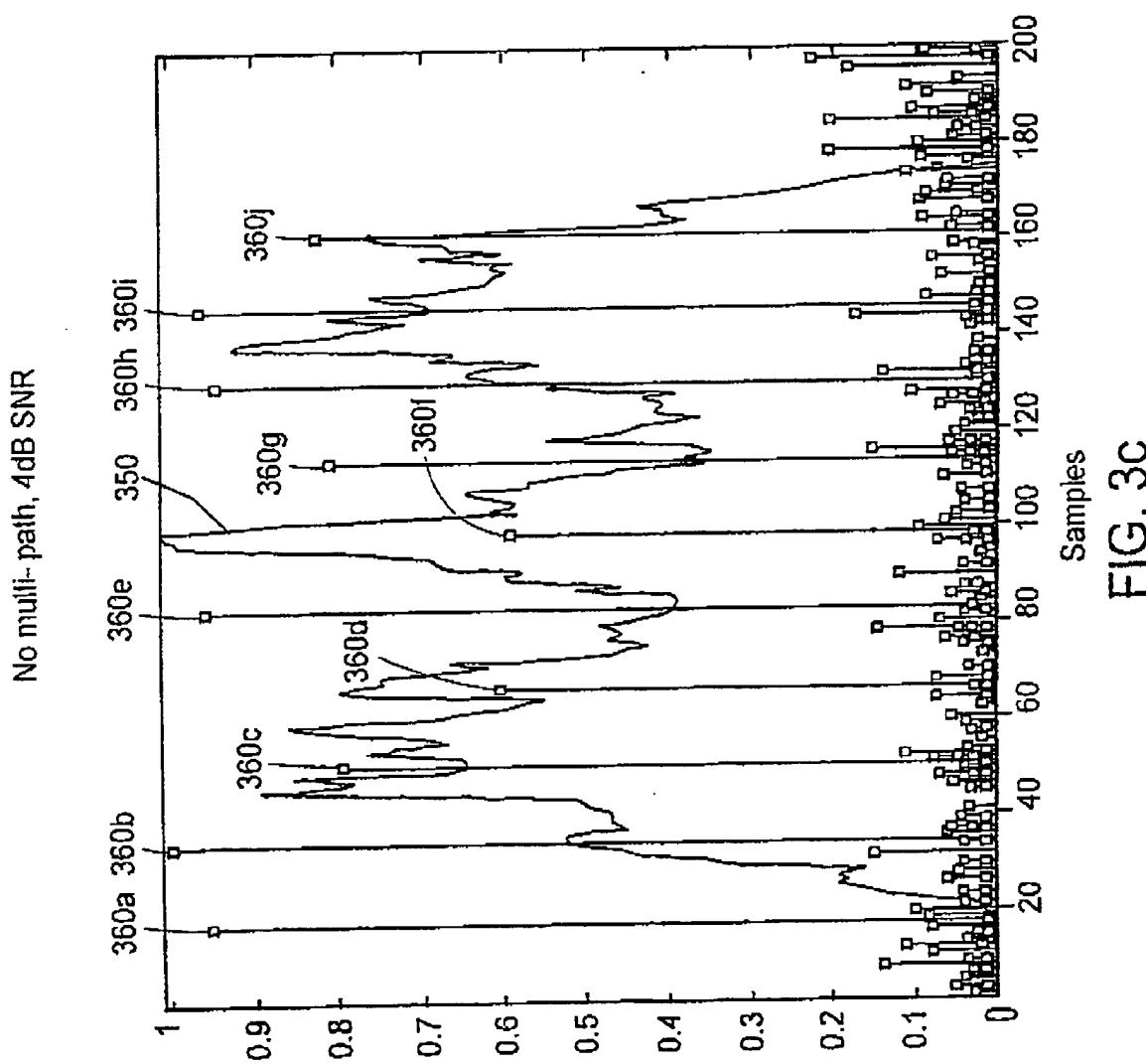


FIG. 3b

5/7



Title: "Method and System for fast timing
Inv. Srs: Kanu Chadha, et al.
Replacement Sheet

6/7

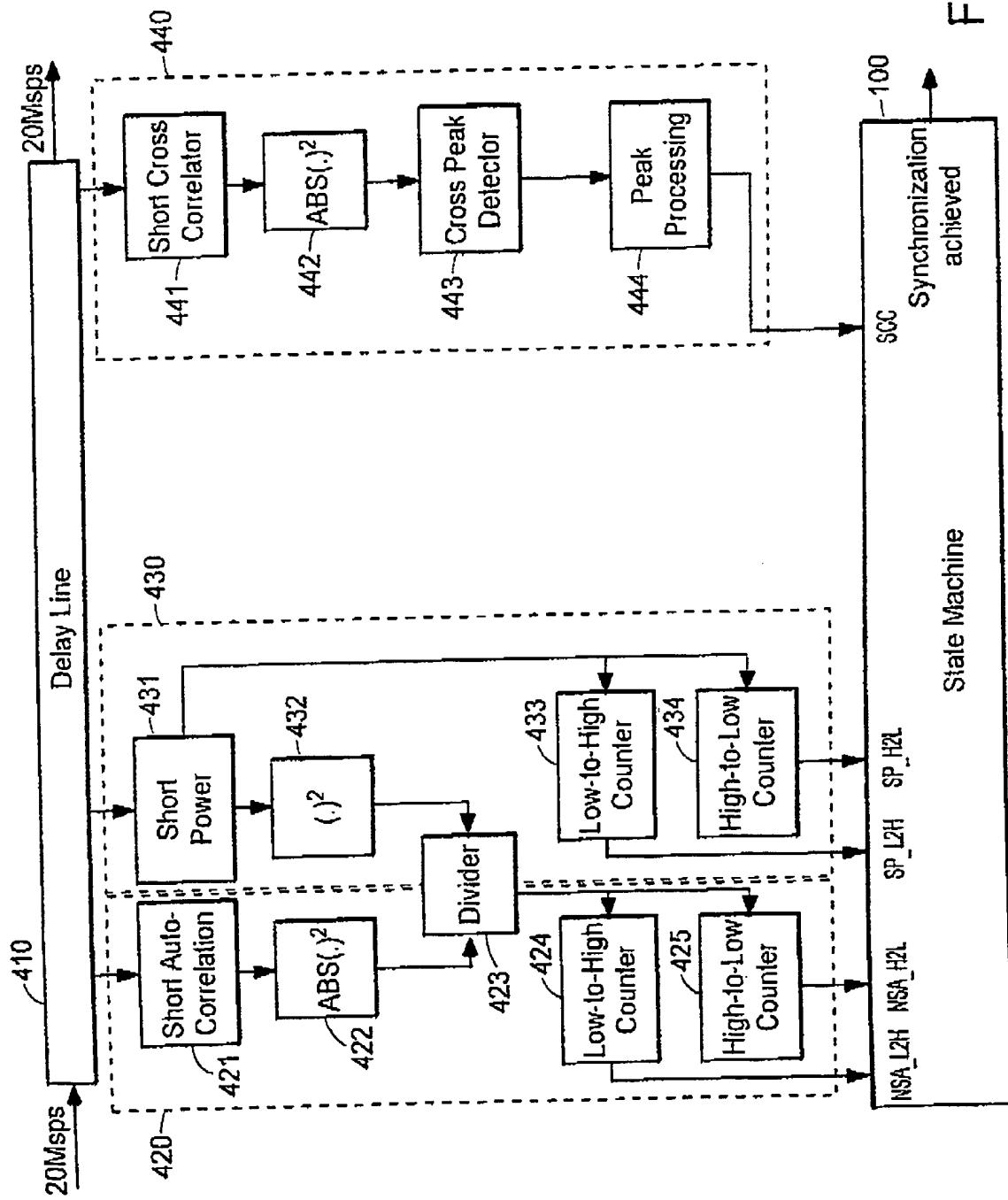


FIG. 4

Title: Review and System for ~~the~~ + ~~the~~
Inv. No: Kanu Chadha, et al.
Replacement Sheet

7/7

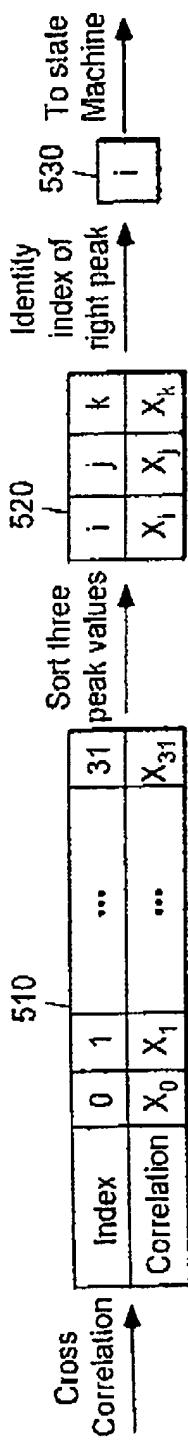


FIG. 5